

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BADDING, MICHAEL E, et al

Examiner: TBA

Serial No: TBA

Group Art Unit: TBA

Filed: Herewith

For: A SOLID OXIDE FUEL CELL DEVICE WITH
COMPONENT HAVING A PROTECTIVE
COATING AND A METHOD FOR MAKING SUCHINFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97 - 1.98Commissioner of Patents
Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is hereby directed to the following reference(s) listed on the attached Form PTO-1449 for consideration in connection with the examination of the above-identified patent application. One copy of the reference(s) is enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the enclosed documents constitute "prior art." If it should be determined that any of the submitted documents do not constitute "prior art" under United States law, applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the enclosed references, should one or more of the references be applied against the claims of the present application.

Respectfully submitted,

Svetlana Sh
Svetlana Z. Short
Registration No. 34,432
Corning Incorporated
SP-TI-03-1
Corning, NY 14831
607-974-0412

Date: 8/25/03

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| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents, Alexandria, Va 22313-1450 on <u>8/25/03</u> | |
| Date of Deposit | |
| Svetlana Z. Short | |
| Name of applicant, assignee, or Registered Representative | |
| <i>Svetlana Sh</i> | |
| Signature | |
| <u>8/25/03</u> | |
| Date of Signature | |

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| FORM PTO-1449 (MODIFIED) | ATTORNEY DOCKET NO. | SERIAL NO. |
| | SP03-110 | TBA |
| | APPLICANT BADDING, et al. | |
| | FILING DATE HEREWITH | GROUP: TBA |

| REFERENCE DESIGNATION | | U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|----|-----------------------|----------|----------------|-------|-----------|------------------------|
| Examiner Initial | | Document Number | Date | Name | Class | Sub-Class | Filing Date if Approp. |
| | AA | 5,089,455 | 2/18/92 | Ketcham et al. | 501 | 104 | |
| | AB | 5,273,837 | 12/28/93 | Aitken et al. | 429 | 30 | |
| | AC | 5,519,191 | 5/21/96 | Ketcham et al. | 219 | 552 | |
| | AD | 6,045,935 | 4/4/00 | Ketcham et al. | 429 | 30 | |
| | AE | 2002/0102450 | 8/1/02 | Badding et al. | 429 | 32 | |
| | AF | 2003/0096147 | 5/22/03 | Badding et al. | 429 | 30 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| | | Document Number | Date | Country | Class | Sub-Class | Translation Yes No |
| | AG | WO 02/088434 | 11/7/02 | PCT | C25D | 3/44 | |
| | AH | 1 113 518 | 7/4/01 | Europe | H01M | 8/12 | |

| OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
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| | AI | Minh, N.Q., "Ceramic Fuel Cells", Journal of the American Ceramic Society., Vol. 76, No. 3, pp. 563-588 (1993) | | | | | |
| | AJ | Blum et al., "Multi-kW-SOFC Development at Siemens", Solid Oxide Fuel Cells IV, pp. 163-172, 1995. | | | | | |
| | AK | Piron et al., "Ferritic Steel Interconnect for Reduced Temperature SOFC", Solid Oxide Fuel Cells VII, pp. 811-819, 2001. | | | | | |
| | AL | Metals Handbook, The American Society for Metals, 1948 Edition, pp. 553-556. | | | | | |
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| | AN | Norton, Robert L., "Designing to Avoid Stress Concentrations", Machine Design, An Integrated Approach, Section 2, p. 235, 1998. | | | | | |
| | AO | Timoshenko et al., "Elements of Strength of Materials", p. 29, 1940. | | | | | |
| | AP | J. Den Hartog, "Advanced Strength of Materials", p. 48, 1952. | | | | | |
| | AQ | Yasuda et al., "Development of Anode-Supported SOFC for Reduced-Temperature Operation", 2000 Fuel Cell Seminar, 2000, Oregon | | | | | |
| | AR | Matsuzaki, et al., "Electrochemical properties of a SOFC cathode in contact with a chromium-containing alloy separator", Solid State Ionics, 132, 2000, 271-278 | | | | | |
| | AS | Jiang, et al., "A comparative investigation of chromium deposition at air electrodes of solid oxide fuel cells", Journal of The European Ceramic Society 22, 2002, 361-373 | | | | | |
| | AT | Matsuzaki, et al., "Dependence of SOFC Cathode Degradation by Chromium-containing Alloy on Compositions of Electrodes and Electrolytes", Journal of The Electrochemical Society, 148 (2) A126-A131, 2001 | | | | | |
| | AU | ASM Handbook, Volume 5, Surface Engineering, Anodizing, pp. 482-493 | | | | | |
| | AV | Metals Handbook, Desk Edition, 16-Heat-Resistant Materials, 16-1 | | | | | |
| | AW | Peckner, et al., Handbook of Stainless Steels, A1-56 | | | | | |
| | AX | Peckner, et al., Handbook of Stainless Steels, 17-16, Corrosion Resistance | | | | | |

EXAMINER: DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.